

Crossland, Ronnie

From: Gray, David
Sent: Tuesday, March 03, 2015 7:29 AM
To: Smith, Kelly; Maddox, Doug; Fruitwala, Kishor; Crossland, Ronnie; Webster, Susan; Fife, Greg
Subject: FW: Technology Chart (UNCLASSIFIED)
Attachments: Minden-Status of Treatment Technologies Available on 2-20-2014.docx

I wanted to make sure the EPA technical team had this information that Jane Williams Sierra Club sent to Sam Coleman and JC King's response.

From: Gray, David
Sent: Saturday, February 28, 2015 7:02 AM
To: Coleman, Sam; Edlund, Carl
Subject: Fwd: Technology Chart (UNCLASSIFIED)

Sent from my iPhone

Begin forwarded message:

From: "King, James C CIV USARMY HQDA ASA IEE (US)" <james.c.king4.civ@mail.mil>
Date: February 27, 2015 at 4:27:00 PM CST
To: "Gray, David" <gray.david@epa.gov>, "Maddox, Doug" <Maddox.Doug@epa.gov>
Subject: RE: Technology Chart (UNCLASSIFIED)

Classification: UNCLASSIFIED
Caveats: NONE

The attachment to your e-mail, to me, is generally useless.

The Matrix I sent to you, which is the one I worked with Doug last week, with two corrections, provides details on the technologies, some addressed in the attachment to your e-mail.

Are you all going in a different direction from the Matrix.

J. C. King
Director for Munitions and Chemical Matters
HQDA, ODASA(ESOH)
Office: 703.697.5564
BB: 703.618.5633
james.c.king4.civ@mail.mil
james.c.king4.civ@mail.smil.mil
<https://www.denix.osd.mil/uxosafety>



9545933

-----Original Message-----

From: Gray, David [<mailto:gray.david@epa.gov>]

Sent: Friday, February 27, 2015 5:17 PM

To: King, James C CIV USARMY HQDA ASA IEE (US); Maddox, Doug

Subject: FW: Technology Chart

This information was shared with EPA today. See email below and attachment.

-----Original Message-----

From: Coleman, Sam

Sent: Friday, February 27, 2015 3:39 PM

To: Edlund, Carl

Cc: Gray, David

Subject: FW: Technology Chart

Please make sure this goes to JC King for verification. I don't see anything drastically different.

Samuel Coleman, P.E.,
Deputy Regional Administrator

coleman.sam@epa.gov

214.665.2100

214.665.3110 Direct

Personal Phone / Ex. 6

-----Original Message-----

From: Jane Williams [<mailto:>] **Personal Email / Ex. 6**

Sent: Friday, February 27, 2015 1:43 PM

To: Coleman, Sam

Subject: Technology Chart

Mr. Coleman,

Attached please find the chart on technologies that we have put together.
Thank you so much for all the hard work you are putting into this.

Cordially,

Jane Williams
Executive Director
California Communities Against Toxics
Rosamond, CA

Personal Email / Ex. 6

661-256-2101

Classification: UNCLASSIFIED

Caveats: NONE

February 20, 2015

Status of Advanced Treatment Technology for Energetics Destruction

Technology	Owner	Units	DDESB permit	Subpart X permit	Comments
Hydrolysis	US Army	3 units at Edgewood, MD	Yes	Yes, IA	Army ECBC does not think they are applicable to the problem.
Super Critical Water Oxidation	General Atomics	4 units-Minden 3 gal/m McAlester 10 gal/m (Army owned) Cal-(2) 3 gal/min	Yes	Yes, LA	There is a unit currently at Camp Minden that could be used to start destruction. Others can be brought in a few months.
DAVINCH	Kobe Steel	Unknown	Yes	Yes, KY	Unknown if unit is available
Humic Acid Processing	Actodemil/ Arctech	Unknown	Yes	Yes, UT	
Static Detonation Chamber	Dynasafe	Unknown-fabrication necessary	Yes	Yes, KY	
Controlled Detonation Chamber	El Dorado Engineering and CH2M Hill	Many	Yes	No, only used in CERCLA responses according to one owner.	Owners of units think the amount of material is too large to handle